Docket No.: 024354-00001 Serial No.: 09/813,035

IN THE CLAIMS:

Claim 1. (Currently Amended) An image processor comprising:

a storage circuit storing therein in age data;

a data input/output circuit cont/olling input/output of the image data;

an access control circuit controlling access of writing in and reading out

the image data to and from said storage circuit;

a refresh circuit controlling refreshing of said storage circuit; and

a memory control circuit comprising an address generation circuit

generating an address in said storage circuit to and from which the image data is written

in and read out,

said memory control circuit comprising an area adjustment circuit which

sets up an additional area adjacent to an area in which the image data are actually

stored in a memory space of said storage circuit and storing therein additional data

other than the image data, which adjusts the address generated by said address

generation circuit, and which reads out the image data from said storage circuit,

including the additional data in the additional area, in response to the address and a

read control signal/supplied to said storage circuit,

wherein the additional data are written in with an address of the additional

area.

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2

Docket No.: 024354-00001 Serial No.: 09/813,035

Claim 2. (**Original**) The image processor in accordance with claim 1, wherein said area adjustment circuit sets up the additional area immediately preceding or following the area in which the image data is stored.

Claim 3. (**Original**) The image processor in accordance with claim 1, wherein information on a position of the additional area is supplied as setting information included in header information.

Claim 4. (**Original**) The image processor in accordance with claim 2, wherein said area adjustment circuit sets a size of the additional area using information, which is obtained in synchronization with a supplied vertical synchronization signal, as a parameter and reads out the data stored in the additional area in response to a data transfer request.

Claim 5. (**Original**) The image processor in accordance with claim 1, wherein said area adjustment circuit obtains information on a base point in the memory space, a row direction width, and a column direction width and outputs the obtained information to said address generation circuit as a parameter.

Claim 6. (**Original**) The image processor in accordance with claim 2, wherein said area adjustment circuit obtains information on a base point in the memory space, a

Docket No.: 024354-00001

Serial No.: 09/813,035

row direction width, and a column direction width and outputs the obtained information to said address generation circuit as a parameter.

Claim 7. (**Original**) The image processor in/accordance with claim 4, wherein said area adjustment circuit obtains information on a base point in the memory space, a row direction width, and a column direction width and outputs the obtained information to said address generation circuit as a parameter.

Claim 8. (**Currently Amended**) The image processor in accordance with claim 5, wherein said area adjustment circuit supplies the <u>additional</u> data, which is read out from the additional area, to a predetermined position in a video signal.

Claim 9. (**Currently Amended**) The image processor in accordance with claim 6, wherein said area adjustment circuit supplies the <u>additional</u> data, which is read out from the additional area, to a predetermined position in a video signal.

Claim 10. (**Currently Amended**) The image processor in accordance with claim 7, wherein said area adjustment circuit supplies the <u>additional</u> data, which is read out from the additional area, to a predetermined position in a video signal.

Docket No.: 024354-00001 Serial No.: 09/813,035

Claim 11. (**Currently Amended**) The image processor in accordance with claim 1, wherein said access control circuit supplies the <u>additional</u> data other than the image data to said memory circuit.

Claim 12. (**Currently Amended**) An image processing method comprising the steps of:

setting up, in a storage circuit in which image data is stored, a range of an image area in which the image data is written and a range of an additional area which is adjacent to the image area and in which data other than the image data is written, with information supplied to a memory space of said storage circuit as a parameter;

writing the <u>additional</u> data other than the image data from external into the additional area in said storage circuit according to a first write control signal;

writing the image data at an address location of the image area in said storage circuit according to a second write control signal; and

stored in the image area in said storage circuit in response to a first read control signal, wherein the additional data are written in with an address of the additional area.

Claim 13. (**Currently Amended**) The image processing method in accordance with claim 12, wherein said step of reading out the <u>additional</u> data comprises the steps of:

D)

Docket No.: 024354-00001

Serial No.: 09/813,035

reading out the <u>additional</u> data from the additional area in said storage circuit in response to the first read control signal; and

reading out the image data from the image area in said storage circuit in response to a second read control signal.

Claim 14. (**Original**) The image processing method in accordance with claim 12, wherein the first write control signal and the read control signal are a transfer enable signal enabling an execution of processing.

Claim 15. (**Currently Amended**) The image processing method in accordance with claim 12, wherein said step of reading out the <u>additional</u> data inserts the <u>additional</u> data read out from the additional area into a predetermined position of a video signal.

Claim 16. (Currently Amended) An image processor comprising:

a storage circuit storing therein/image data;

a data input/output circuit controlling input/output of the image data;

an access control circuit controlling access of writing in and reading out

the image data to and from said storage qircuit;

a refresh circuit controlling/refreshing of said storage circuit; and

a memory control circuit comprising an address generation circuit

generating an address in said storage circuit to and from which the image data is written

in and read out, and generating an additional address of a width same as the address in

Docket No.: 024354-00001 Serial No.: 09/813,035

said storage circuit to and from which data other than the image data is written in and read out,

said memory control circuit comprising an area adjustment circuit which sets up an additional area corresponding to the additional address and which is adjacent to an area in which the image data are actually stored in a memory space of said storage circuit and storing therein data other than the image data, which adjusts the address generated by said address generation circuit, and which reads out the image data from said storage circuit, including the additional data in the additional area, in response to the address and a read control signal supplied to said storage circuit, wherein the additional data are written in with an address of the additional area.

Claim 17. (**Currently Amended**) An image processing method comprising the steps of:

setting up, in a storage circuit in which image data is stored, an address space for a range of an image area in which the image data is written, and an additional address space of a width same as the address space for a range of an additional area which is adjacent to the image area and in which data other than the image data is written, with information supplied to a memory space of said storage circuit as a parameter;

writing the <u>additional</u> data other than the image data from external into the additional area in said storage circuit according to a first write control signal;

C.

Docket No.: 024354-00001 Serial No.: 09/813,035

writing the image data at an address location of the image area in said storage circuit according to a second write control/signal; and

reading out the <u>additional</u> data stored in the additional area and the image data stored in the image area in said storage circuit in response to a first read control signal, <u>wherein the additional data are written/in with an address of the additional area</u>.